
```
function [K, I, cK, cI] = ps2_5_TyLimpasuvan(A)
```

```
    [m, n] = size(A);  
    r = rank(A);
```

```
    if r == 0  
        I = zeros(m, 1);  
        cI = zeros(n, 1);  
        K = eye(n);  
        cK = eye(m);  
        return;  
    end
```

```
    if r == n  
        K = zeros(n, 1);  
        cK = zeros(m, 1);  
        I = eye(m);  
        cI = eye(n);  
        return;  
    end
```

```
    K = null(A);  
    cK = null(A');  
    rowEch = rref(A)';  
    I = zeros(n, r);
```

```
    for i = 1:r  
        I(:, i) = rowEch(:, i);  
    end
```

```
    rowEchTrans = rref(A')';  
    cI = zeros(m, r);  
    for i = 1:r  
        cI(:, i) = rowEchTrans(:, i);  
    end
```

```
end
```

Not enough input arguments.

Error in ps2_5_TyLimpasuvan (line 3)
 [m, n] = size(A);

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